

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1272531

Luminaire Tested: P3AS17R709827DE010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272531
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R709827DE010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R70 optic, 2700K CCT AND, 98CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

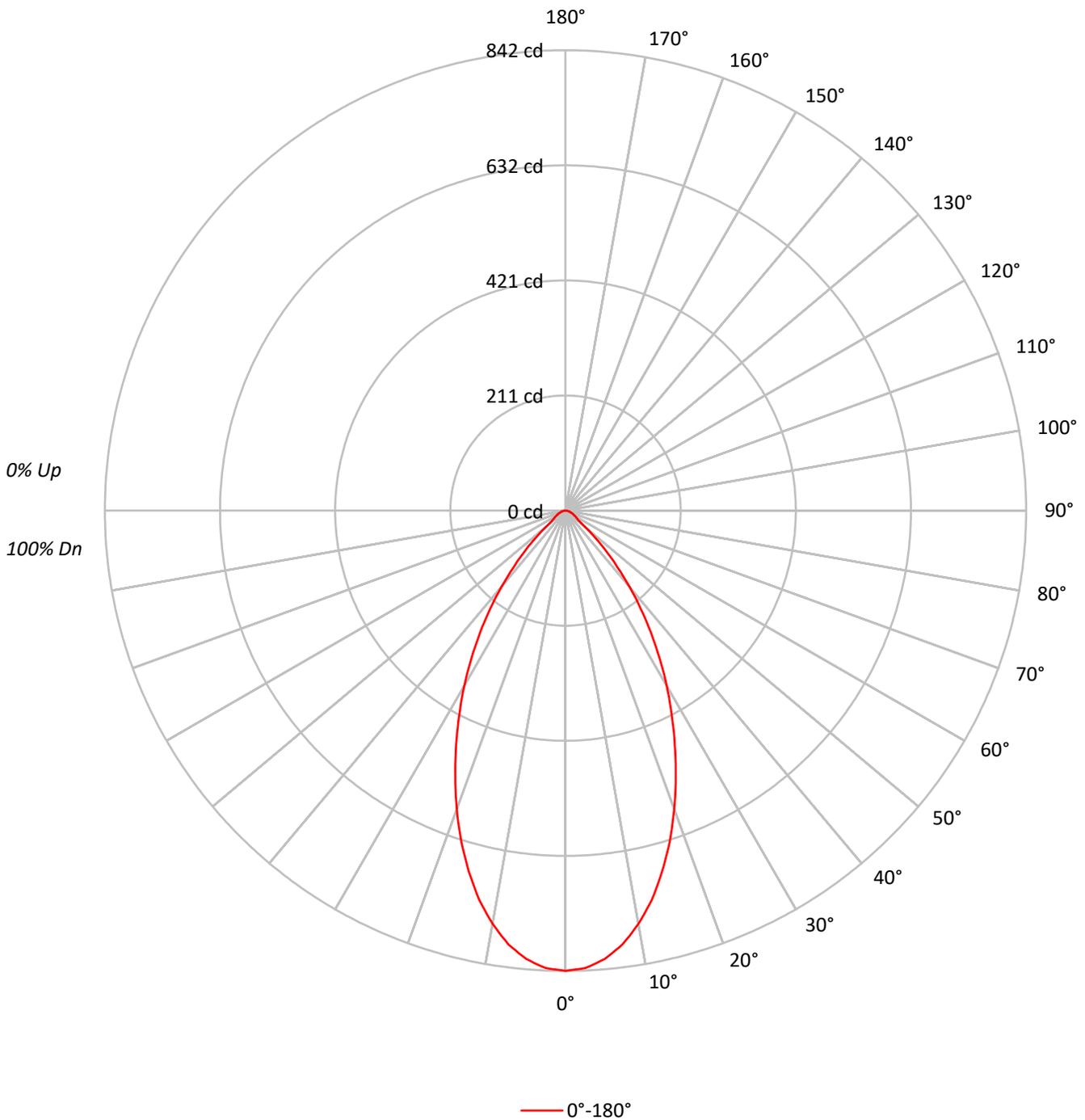
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 787.0 lumens
Efficiency: N/A
Efficacy: 38.6 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92			92
2	106	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84			84
3	100	93	88	83	98	92	87	83	89	85	81	87	83	80	84	81	79	77			77
4	95	86	80	76	93	85	80	75	83	78	74	81	77	73	79	76	73	71			71
5	89	80	74	69	88	79	73	69	78	72	68	76	71	68	74	70	67	65			65
6	85	75	68	64	83	74	68	64	73	67	63	71	66	63	70	65	62	61			61
7	80	70	64	59	79	69	63	59	68	62	58	67	62	58	66	61	58	56			56
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52			52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49			49
10	69	58	52	48	67	58	52	48	57	51	48	56	51	48	55	51	47	46			46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	184590
5°	181201
10°	170872
15°	155075
20°	135648
25°	114418
30°	93685
35°	72678
40°	52012
45°	32934
50°	16443
55°	10055
60°	8640
65°	7939
70°	6988
75°	6524
80°	5556
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 32934 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.8	9.8
10°-20°	190.1	24.2
20°-30°	216.5	27.5
30°-40°	169.3	21.5
40°-50°	83.1	10.6
50°-60°	25.6	3.2
60°-70°	15.1	1.9
70°-80°	8.1	1.0
80°-90°	2.4	0.3
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	483.4	61.4
0°-40°	652.6	82.9
0°-60°	761.4	96.7
0°-90°	787.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	787.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	842	
5°	823	77
15°	683	190
25°	473	216
35°	272	169
45°	106	83
55°	26	26
65°	15	15
75°	8	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	841.8
2.5°	837.5
5°	823.2
7.5°	800.2
10°	767.4
12.5°	729.1
15°	683.1
17.5°	633.8
20°	581.3
22.5°	526.6
25°	472.9
27.5°	420.4
30°	370.0
32.5°	319.7
35°	271.5
37.5°	225.5
40°	181.7
42.5°	141.2
45°	106.2
47.5°	74.4
50°	48.2
52.5°	31.7
55°	26.3
57.5°	23.0
60°	19.7
62.5°	17.5
65°	15.3
67.5°	13.1
70°	10.9
72.5°	8.8
75°	7.7
77.5°	6.6
80°	4.4
82.5°	3.3
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)